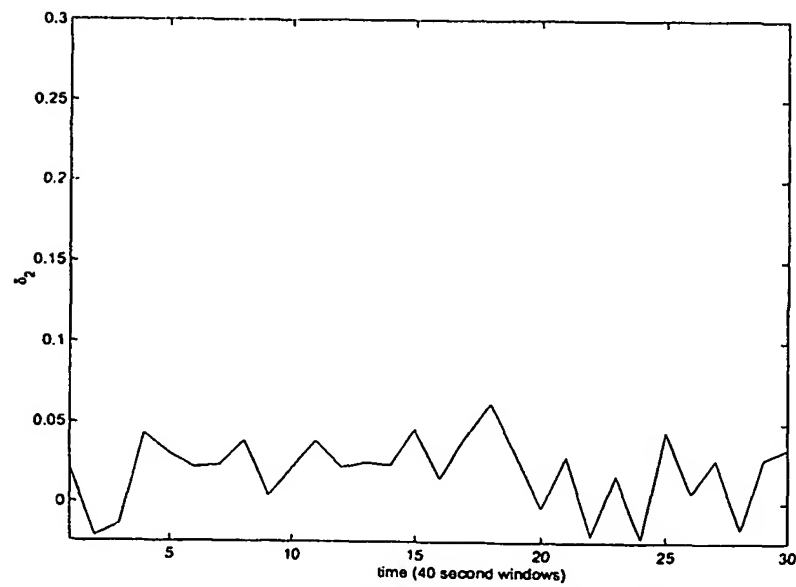
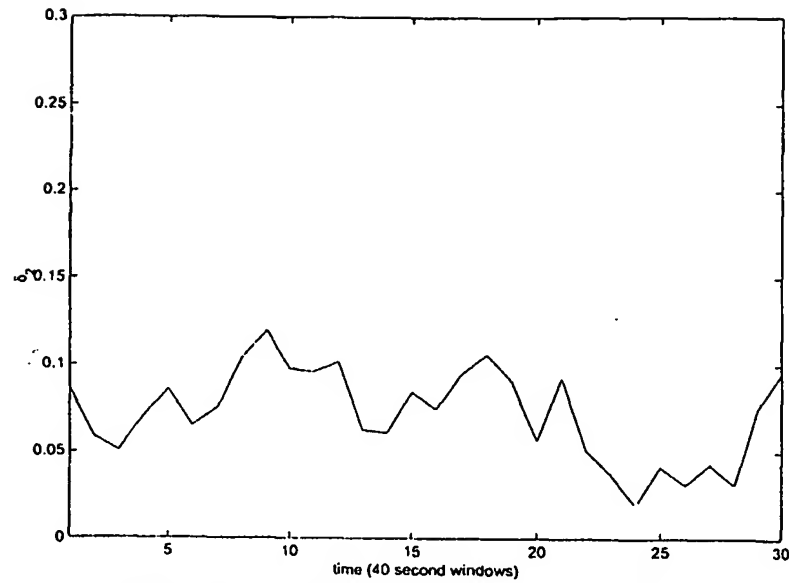
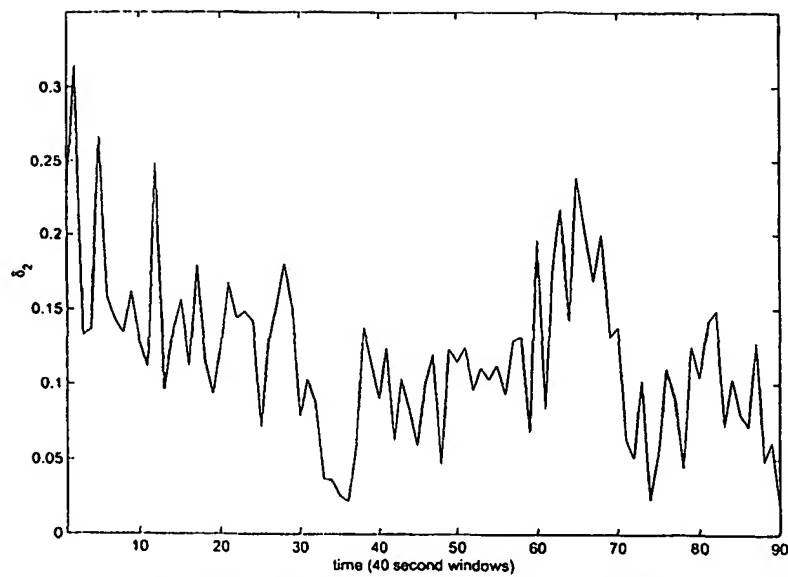
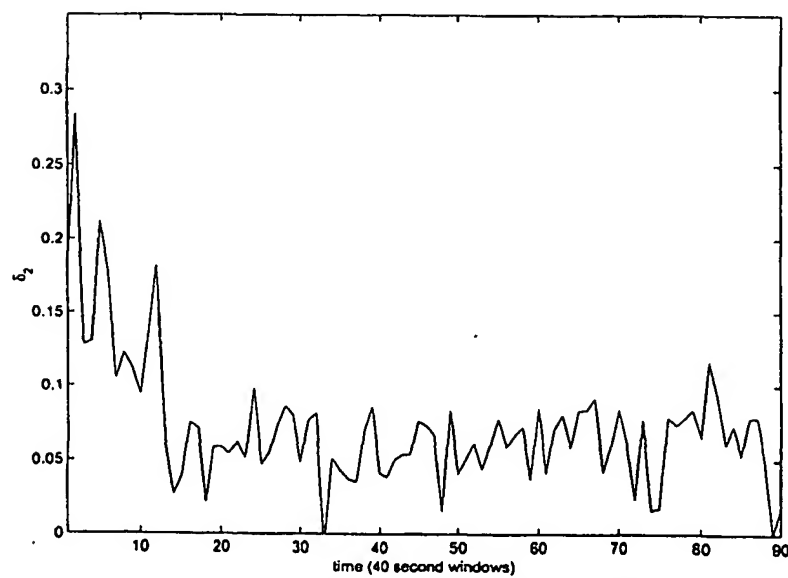
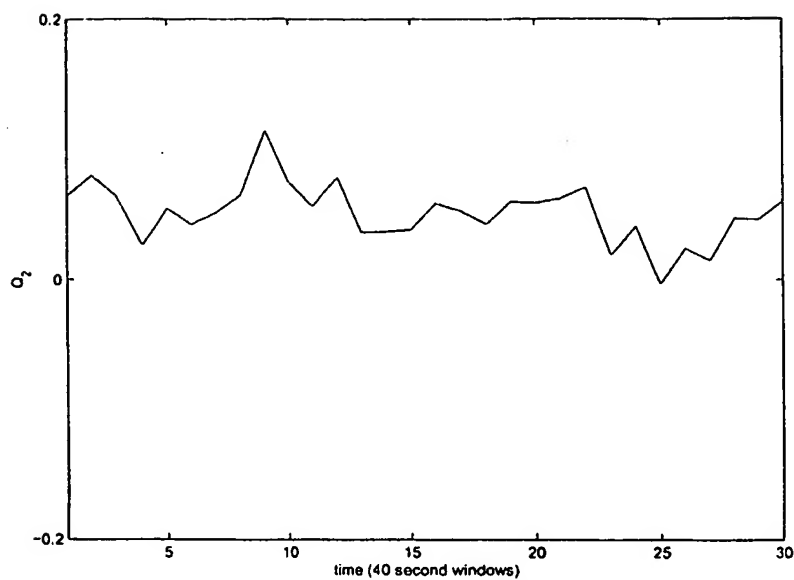
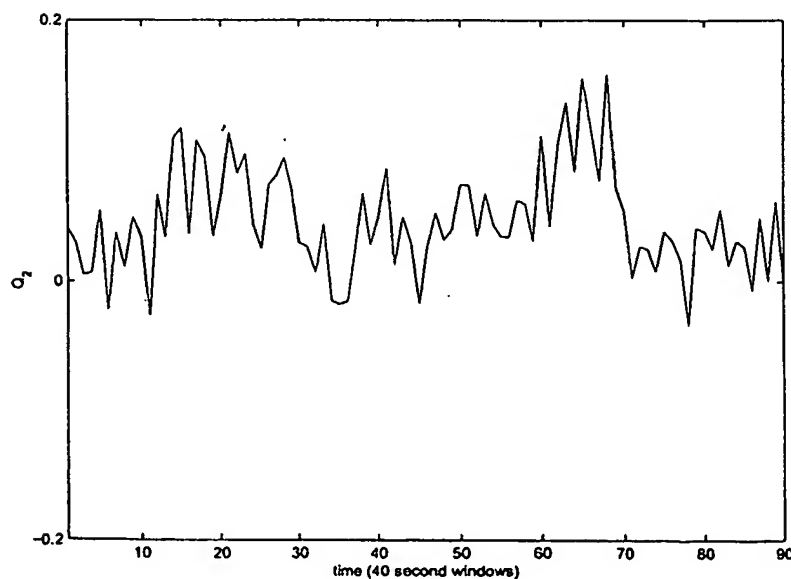


Figure 1



Figure 3a: preictal  $\delta_2(t)$  for F8 (60 minute epoch)Figure 3b: preictal  $\delta_2(t)$  for O2 (60 minute epoch)

Figure 4a: interictal  $Q_2(F8, O_2; t)$  (20 minute epoch)Figure 4b: preictal  $Q_2(F8, O_2; t)$  (60 minute epoch)

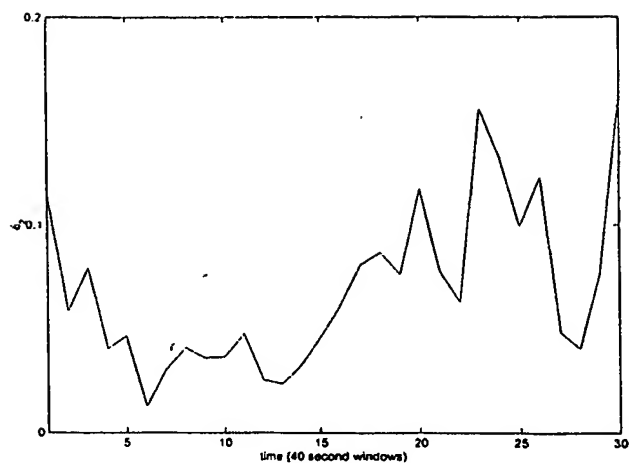


Figure 5a:  $\delta_2(t)$  for F7 in a non-epileptic subject (20 minute epoch)

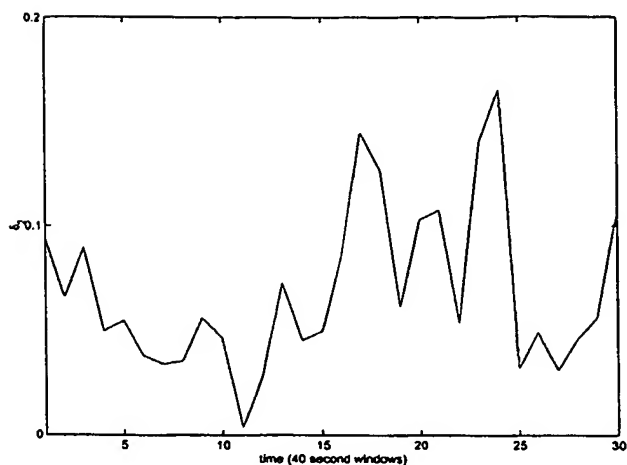


Figure 5b:  $\delta_2(t)$  for O1 in a non-epileptic subject (20 minute epoch)

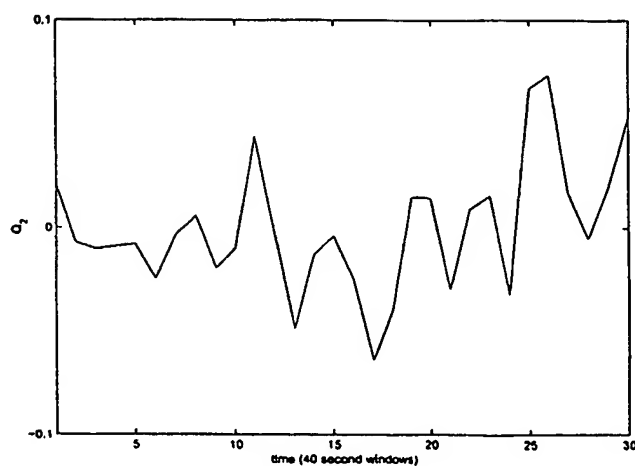


Figure 5c:  $Q_2(F7, O1; t)$  for a non-epileptic subject (20 minute epoch)

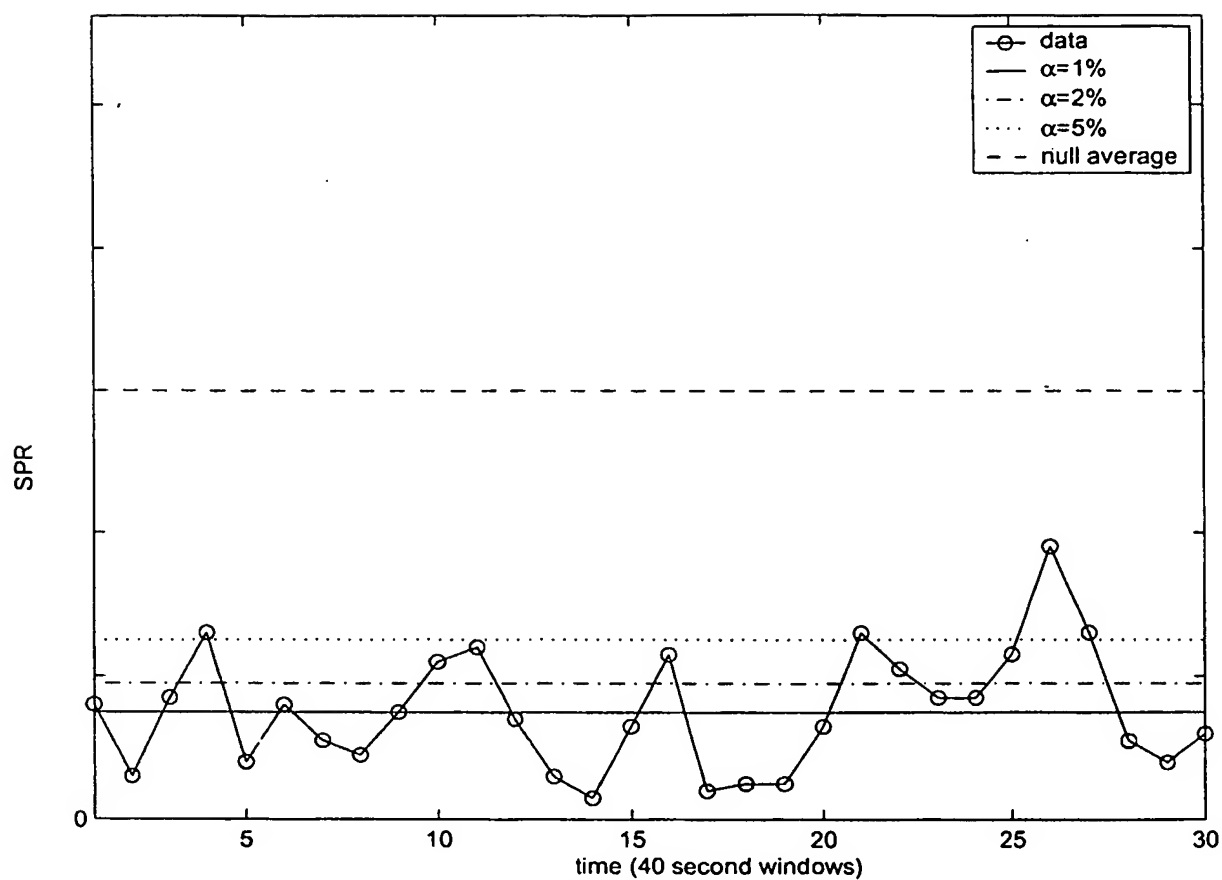


Figure 6: SPR for  $Q_2$  interictally between electrodes remote and adjacent to site of ictal onset  
(See text for further explanation)

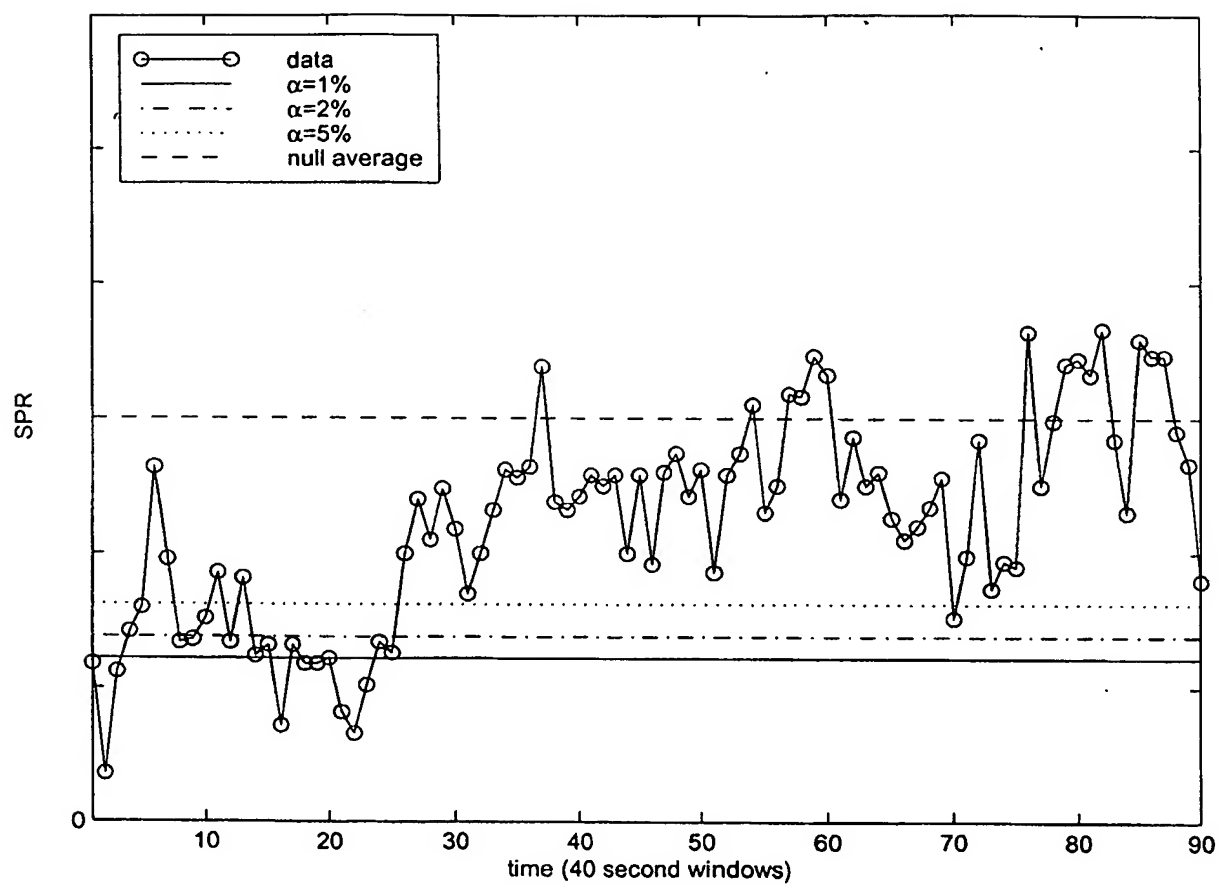


Figure 7: SPR for  $Q_2$  preictally between electrodes remote and adjacent to site of ictal onset  
(See text for further explanation)

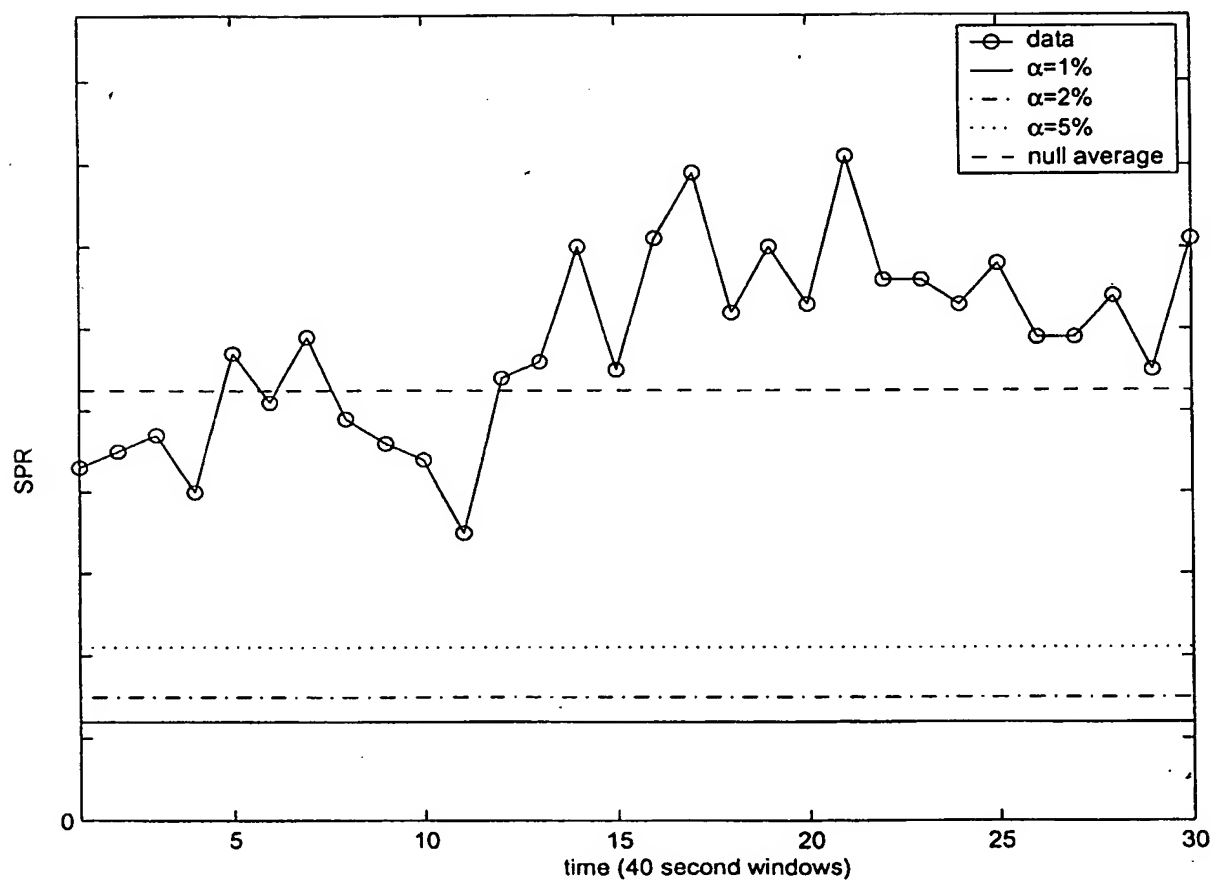


Figure 8: SPR for  $Q_2(F7, O1; t)$  for non-epileptic subjects (See text for further explanation)



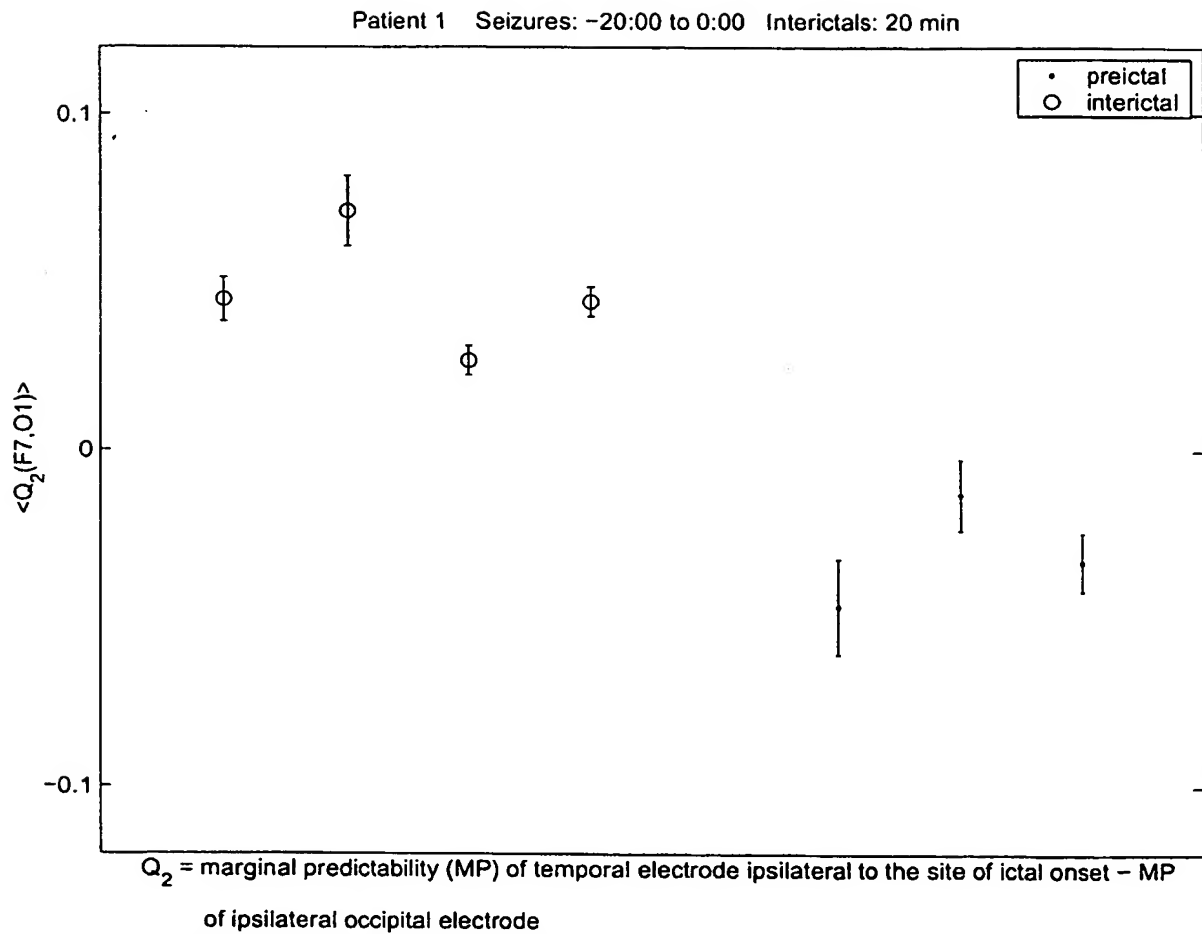


Figure 9:  $Q_2$  for 4 interictal and 3 preictal epochs for one patient